

Glycosylhydrazyl (Glc-Hz) Preparation

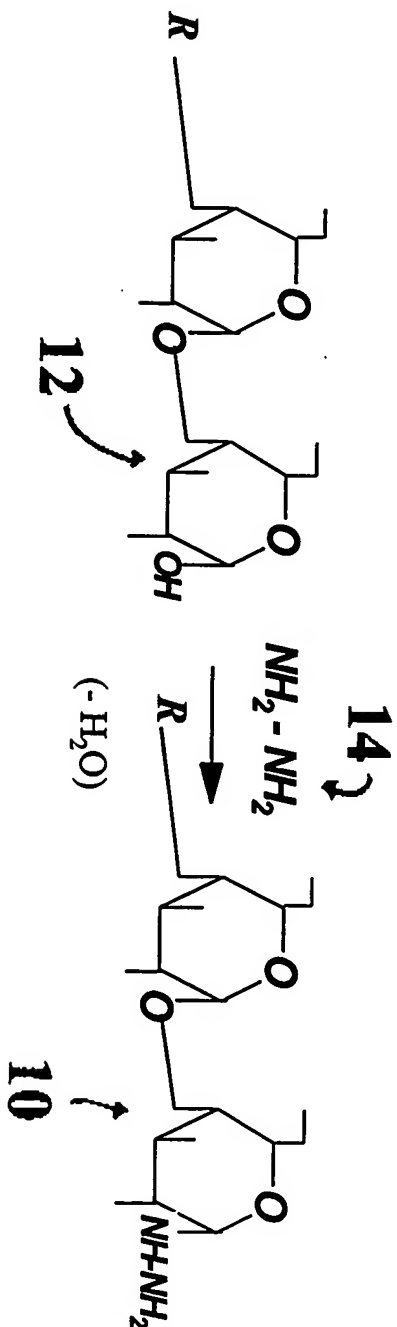


Figure 1

Schiff Base Formation with Benzaldehyde

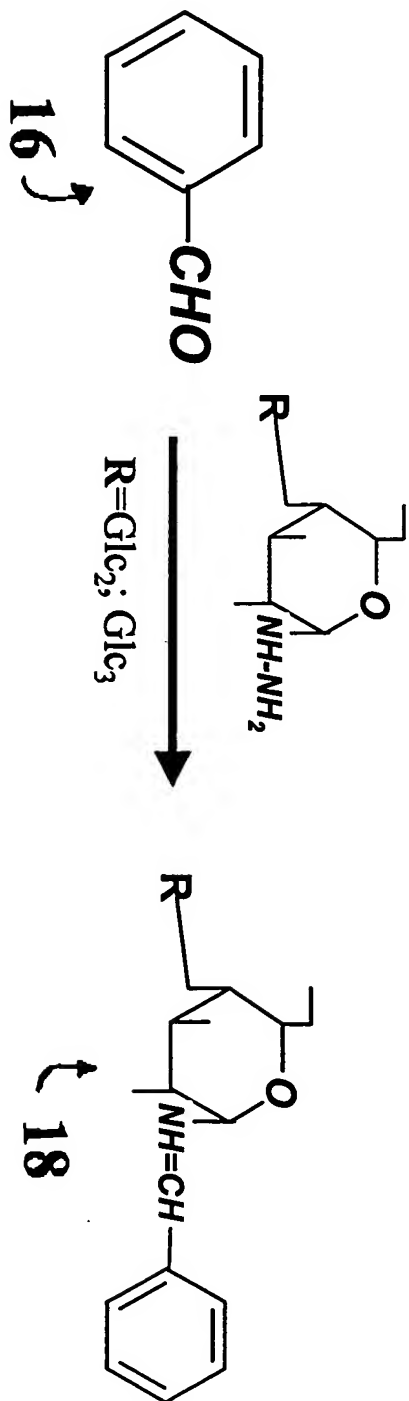


Figure 2

Glycosylhydrazone Condensation with Benzaldehyde

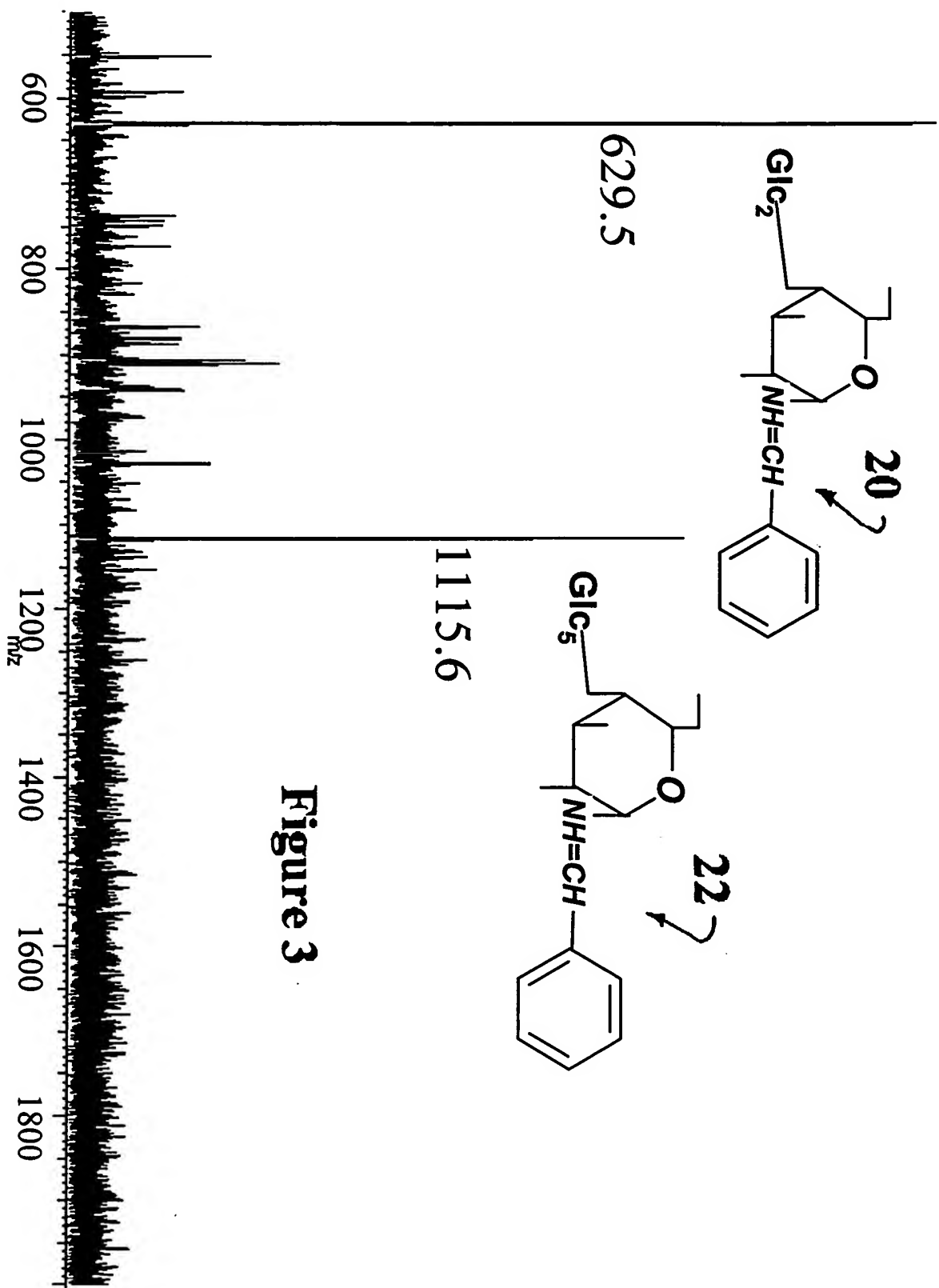
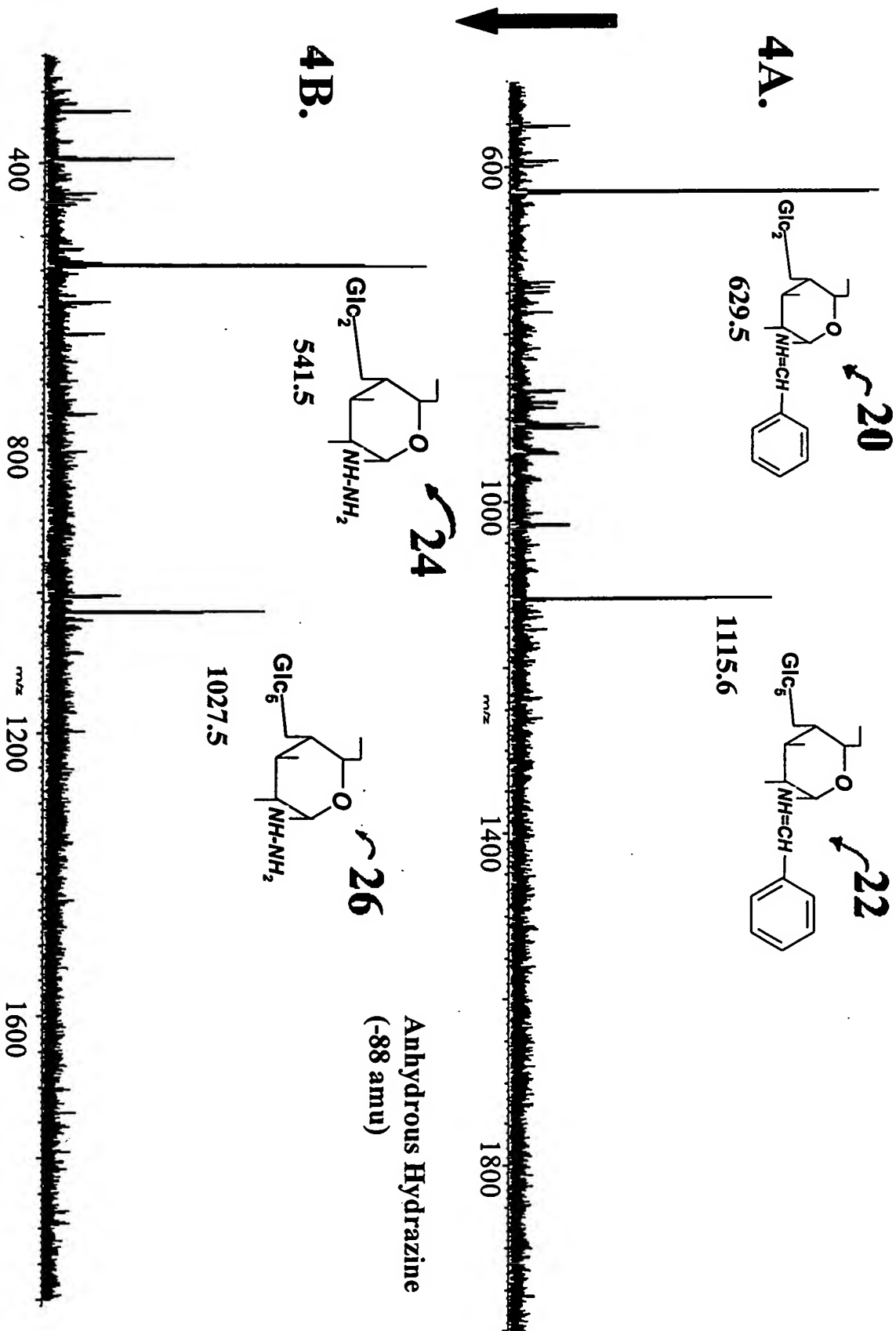


Figure 3

Hydrazinolysis of Adduct

Figure 4



Dextran Polymer Oxidation (ODP)

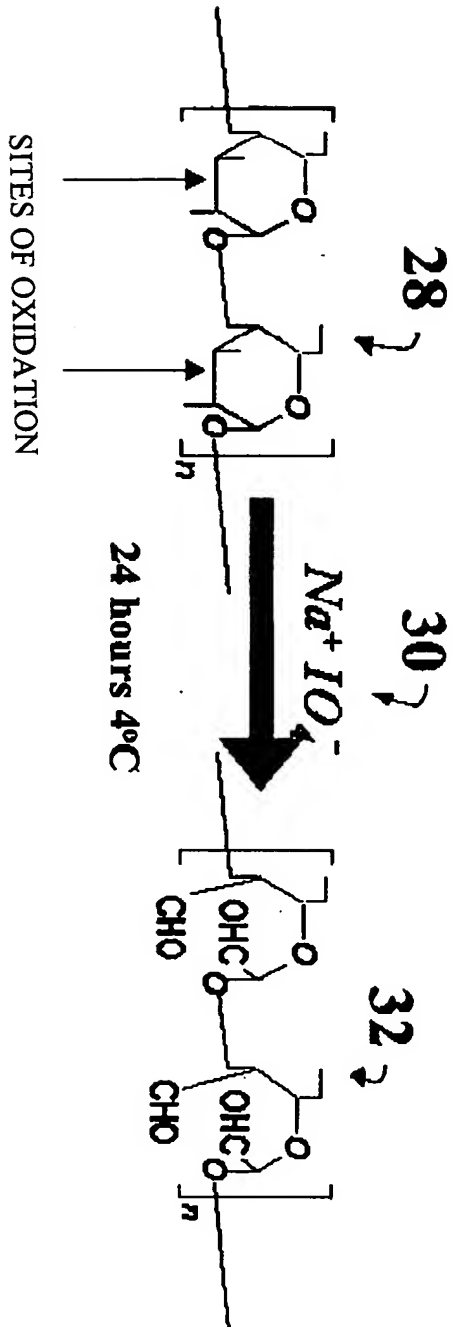
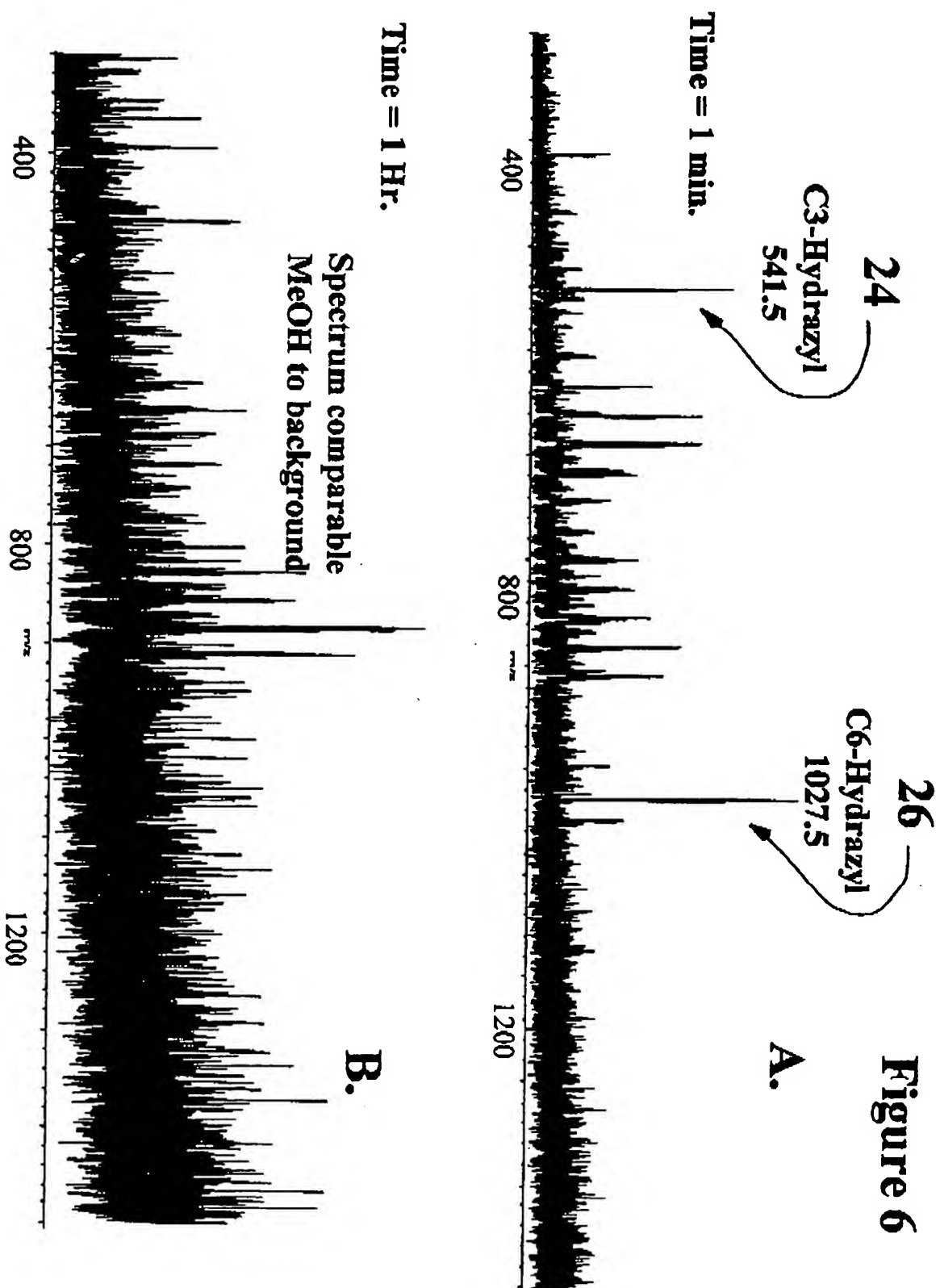


Figure 5

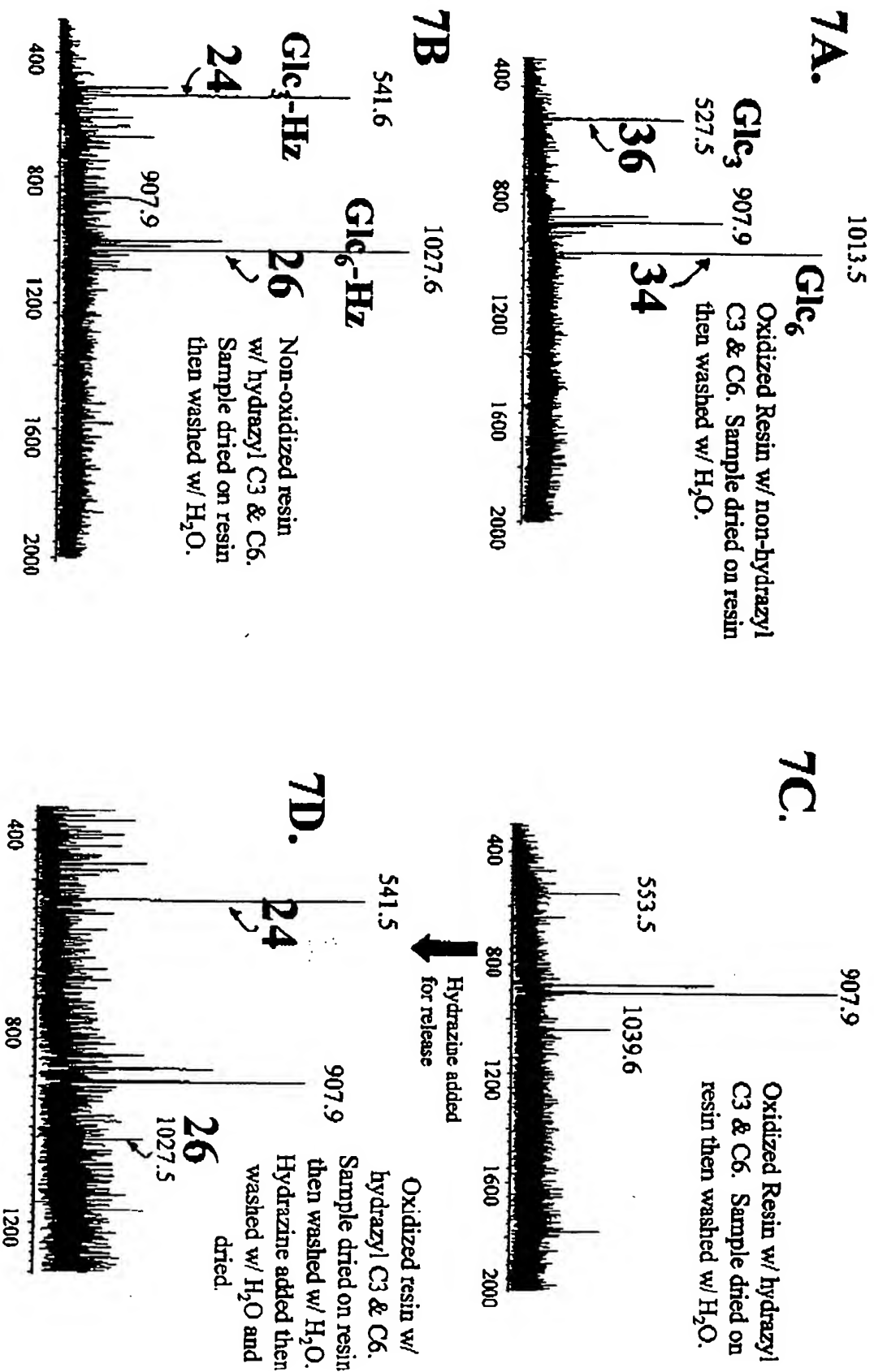
MS Analysis of Hydrazyl Attachment to ODP

Figure 6



Tests of reacting components in the condensation-release sequence

Figure 7



Glycosylhydrazyl Stability

Figure 8

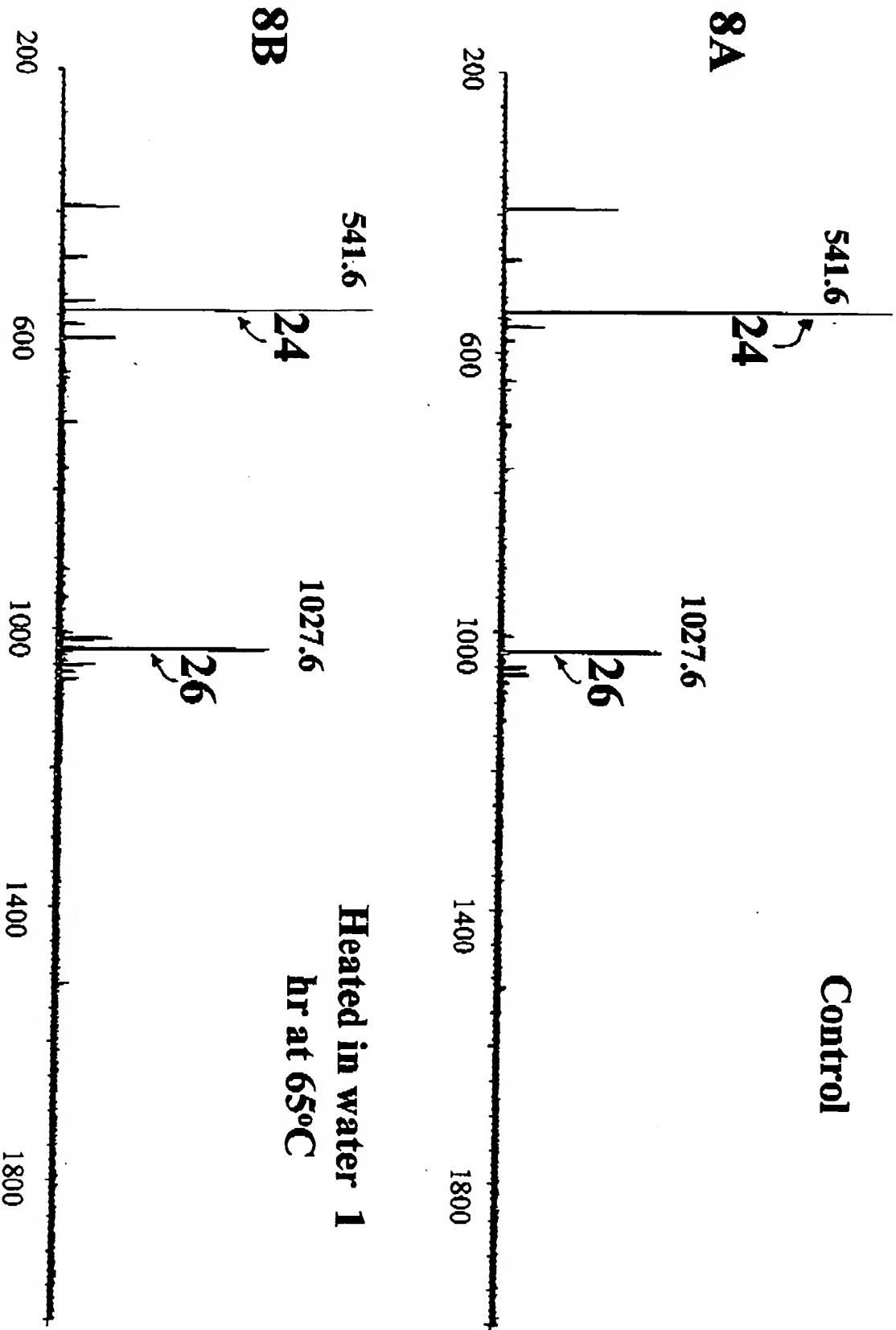


Figure 9

